

PATENT  
Docket No. 180.00120101

**Information Disclosure Statement**

Page 2 of 2

Applicant(s): Zhao Yi WANG

Serial No.: 10/591,199

Confirmation No.: 4302

Filed: 30 August 2006

For: ESTROGEN RECEPTORS AND METHODS OF USE

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It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 13-4895.

The Examiner is invited to contact Applicant's Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

**CERTIFICATE UNDER 37 C.F.R. 1.8:**

The undersigned hereby certifies that this paper is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 9 day of July, 2007.

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**INFORMATION  
DISCLOSURE  
STATEMENT**

Atty. Docket No.: 180.00120101

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Applicant(s): Zhao Yi Wang

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Application Filing Date: August 30, 2006

Group: 1646

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**U.S. PATENT DOCUMENTS**

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		4,036,945	07/19/1977	Haber			
		4,331,647	05/25/1982	Goldenberg			
		4,946,778	08/07/1990	Ladner et al.			
		5,053,133	10/01/1991	Klein et al.			
		5,223,409	06/29/1993	Ladner et al.			
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		5,168,049	12/01/1992	Meade et al.			
		5,560,922	10/01/1996	Chien et al.			
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EXAMINER

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**Foreign patent documents**

Examiner initial	Copy enclosed	Document number	Date	Country	Class	Subclass	Translati	
							Yes	No
	x	WO 01/00823 A1	01/04/2001	PCT				
	x	WO 01/62969 A2, A3	08/30/2001	PCT				
	x	WO 02/097044 A2, A3	12/05/2002	PCT				
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**Other documents (Including Authors, Title, Date, Pertinent Papers, Etc.)**

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	x	Åkesson "New approaches to pharmacological treatment of osteoporosis," 2003 <i>Bulletin of the World Health Organization</i> 81(9):657-664.
	x	Altucci et al., "17 $\beta$ -Estradiol Induces Cyclin D <sub>1</sub> Gene Transcription, p36 <sup>D</sup> <sub>1</sub> -p34 <sup>cdk4</sup> Complex Activation and p105 <sup>Rb</sup> Phosphorylation During Mitogenic Stimulation of G <sub>1</sub> -arrested Human Breast Cancer Cells," <i>Oncogene</i> , 1996; 12:2315-2324.
	x	Altucci et al., "Estrogen Induces Early and Timed Activation of Cyclin-dependent Kinases 4, 5, and 6 and Increases Cyclin Messenger Ribonucleic Acid Expression in Rat Uterus," <i>Endocrinology</i> , 1997; 138:978-984.
	x	American Type Cell Culture. Accession No. Htb-22. Designation Mcf7. Available Online [Retrieved 2007-05-02]. Retrieved from the Internet: < <a href="http://www.atcc.org/common/catalog/numsearch/numresults.cfm">http://www.atcc.org/common/catalog/numsearch/numresults.cfm</a> >; 4 pgs.
	x	Anderson et al., "BRCA1 Protein Is Linked to the RNA Polymerase II Holoenzyme Complex via Rna Helicase A," <i>Nat Genet.</i> , 1998; 19:254-256.

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	x	"Anti-estrogen Receptor/rat Anti-estrogen Receptor (Clone H222)" Datasheet [Online]. Research Diagnostics, Inc., Concord, Ma, Rev. 17 March 2005 [Retrieved on 2006-10-19]. Retrieved from the Internet:<Url:http://www.researchd.com/rdiabs/estorec.htm>; 10 pgs.
	x	Aronica et al., "Estrogen Action via the cAMP Signaling Pathway: Stimulation of Adenylate Cyclase and cAMP-regulated Gene Transcription," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994; 91:8517-8521.
	x	Bachelier et al., "Effect of Bilateral Oophorectomy on Mammary Tumor Formation in BRCA1 Mutant Mice," <i>Oncol. Rep.</i> , 2005; 14:1117-1120.
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	x	Beato et al. "Steroid Hormone Receptors: Many Actors in Search of a Plot." 1995 <i>Cell</i> 83:851-857.
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	x	Björnström et al., "Estrogen Receptor-dependent Activation of Ap-1 via Non-genomic Signaling," <i>Nuclear Receptor</i> , 2004; 1-11.
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	x	Boussif et al., "A Versatile Vector for Gene and Oligonucleotide Transfer into Cells in Culture and in Vivo: Polyethylenimine," <i>PNAS</i> , 1995; 92:7297-7301.
	x	Campbell et al., "Phosphatidylinositol 3-kinase/akt-mediated Activation of Estrogen Receptor $\alpha$ : a New Model for Anti-estrogen Resistance," <i>Journal of Biological Chemistry</i> , 2001; 276:9817-9824.

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	x	Carell et al., "A Novel Procedure for the Synthesis of Libraries Containing Small Organic Molecules," 1994 <i>Angewandte Chemie International Edition English</i> 33:2059-2061.
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	x	Castilla et al., "Mutations in the BRCA1 Gene Families with Early-onset Breast and Ovarian Cancer," <i>Nature Genet.</i> , 1994; 8:387-391.
	x	Castoria et al., "Non-transcriptional Action of Oestradiol and Progestin Triggers DNA Synthesis," <i>EMBO</i> , 1999; 18:2500-2510.
	x	Cerillo et al., "The Oestrogen Receptor Regulates NF- $\kappa$ B and AP-1 Activity in a Cell-specific Manner," <i>J. Steroid Biochem. Mol. Biol.</i> , 1998; 67(2):79-88.
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